

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

15

Complete if Known

Application Number	10/588,749
Filing Date	August 7, 2006
First Named Inventor	Richard J. Melker
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	UF-270C3

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	U1	US-3,567,029	03-02-1971	Quame	All
	U2	US-3,608,546	09-28-1971	Shinn	All
	U3	US-3,649,199	03-14-1972	Littlejohn	All
	U4	US-3,792,272	02-12-1974	Harte <i>et al.</i>	All
	U5	US-3,877,291	04-15-1975	Hoppesch <i>et al.</i>	All
	U6	US-3,951,607	04-20-1976	Fraser	All
	U7	US-3,955,926	05-11-1976	Fischer	All
	U8	US-4,150,670	04-24-1979	Jewett <i>et al.</i>	All
	U9	US-4,202,352	05-13-1980	Osborn	All
	U10	US-4,215,409	07-29-1980	Strowe	All
	U11	US-4,312,228	01-26-1982	Wohltjen	All
	U12	US-4,314,564	02-09-1982	Albarda	All
	U13	US-4,334,540	06-15-1982	Preti <i>et al.</i>	All
	U14	US-4,346,584	08-31-1982	Boehringer	All
	U15	US-4,349,626	09-14-1982	Labows <i>et al.</i>	All
	U16	US-4,361,026	11-30-1982	Muller <i>et al.</i>	All
	U17	US-4,399,686	08-23-1983	Kindlund <i>et al.</i>	All
	U18	US-4,432,226	02-21-1984	Dempster	All
	U19	US-4,456,014	06-26-1984	Buck <i>et al.</i>	All

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	F1	DE	19 607 646	A1	09-11-1997	Muehlenberg <i>et al.</i>	Abstract	x
	F2	DE	29 902 593		07-15-1999	Genzyme Virotech GmbH	Abstract	x
	F3	EP	0 370 151	A1	05-30-1990	L'Air Liquide, S.A.	All	
	F4	EP	0 979 997	A1	02-16-2000	Siemens AG	Abstract	x

Examiner
Signature

/Lance Rider/

Date
Considered

02/24/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /L.R./

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/588,749
Filing Date	August 7, 2006
First Named Inventor	Richard J. Melker
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	UF-270C3

Sheet 2 of 15

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	U20	US-4,534,360	08-13-1985	Williams	All
	U21	US-4,734,777	03-29-1988	Okino <i>et al.</i>	All
	U22	US-4,735,777	04-05-1988	Mitsui <i>et al.</i>	All
	U23	US-4,772,559	09-20-1998	Preti <i>et al.</i>	All
	U24	US-4,796,639	01-10-1989	Snow <i>et al.</i>	All
	U25	US-4,868,545	09-19-1989	Jones	All
	U26	US-4,895,017	01-23-1990	Pyke <i>et al.</i>	All
	U27	US-4,938,928	07-03-1990	Koda <i>et al.</i>	All
	U28	US-4,992,244	02-12-1991	Grate	All
	U29	US-5,003,985	04-02-1991	White <i>et al.</i>	All
	U30	US-5,034,192	07-23-1991	Wrighton <i>et al.</i>	All
	U31	US-5,042,501	08-27-1991	Kenny <i>et al.</i>	All
	U32	US-5,060,506	10-29-1991	Douglas	All
	U33	US-5,071,770	12-10-1991	Kolesar, Jr.	All
	U34	US-5,081,871	01-21-1992	Glaser	All
	U35	US-5,082,630	01-21-1992	Partin <i>et al.</i>	All
	U36	US-5,094,235	03-10-1992	Westenskow <i>et al.</i>	All
	U37	US-5,111,827	05-12-1992	Rantala	All
	U38	US-5,137,692	08-11-1992	Fritz	All

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	x ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	F5	GB	829 409	A	03-02-1960	Governors of the United Birmin	All	
	F6	GB	2 309 166	A	07-23-1997	Cleansharp Limited	All	
	F7	GB	2 329 245	A	03-17-1999	Cavkit Limited	All	
	F8	JP	08 313 407	A	11-29-1996	Suzuki Motor Corp.	Abstract	x
	F9	JP	09 196 915	A	07-31-1997	Otsuka Pharmaceut Co. Ltd.	Abstract	x

Examiner
Signature

/Lance Rider/

Date
Considered

02/24/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /L.R./

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/588,749
Filing Date	August 7, 2006
First Named Inventor	Richard J. Melker
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	UF-270C3

Sheet 3 of 15

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	U39	US-5,145,645	09-08-1992	Zakin <i>et al.</i>	All
	U40	US-5,167,972	12-01-1992	Greenberg <i>et al.</i>	All
	U41	US-5,179,027	01-12-1993	Fisher	All
	U42	US-5,252,292	10-12-1993	Hirata <i>et al.</i>	All
	U43	US-5,296,706	03-22-1994	Braig <i>et al.</i>	All
	U44	US-5,303,575	04-19-1994	Brown <i>et al.</i>	All
	U45	US-5,317,156	05-31-1994	Cooper <i>et al.</i>	All
	U46	US-5,325,704	07-05-1994	Mariani <i>et al.</i>	All
	U47	US-5,351,522	10-04-1994	Lura	All
	U48	US-5,361,771	11-08-1994	Craine <i>et al.</i>	All
	U49	US-5,409,839	04-25-1995	Balestrieri <i>et al.</i>	All
	U50	US-5,425,374	06-20-1995	Ueda <i>et al.</i>	All
	U51	US-5,447,165	09-05-1995	Gustafsson	All
	U52	US-5,453,359	09-26-1995	Gargan <i>et al.</i>	All
	U53	US-5,465,608	11-14-1995	Lokshin <i>et al.</i>	All
	U54	US-5,466,700	11-14-1995	Batenhorst <i>et al.</i>	All
	U55	US-5,482,601	01-09-1996	Ohshima <i>et al.</i>	All
	U56	US-5,495,744	03-05-1996	Ueda <i>et al.</i>	All
	U57	US-5,501,212	03-26-1996	Psaros	All

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	F10	RU 2 104 535 C1	02-10-1998	Kogan <i>et al.</i>	Abstract	X
	F11	WO 87/02773 A1	05-07-1987	Autosense Corp.	All	
	F12	WO 92/10749	06-25-1992	Novasure Corporation	All	
	F13	WO 95/08113 A1	03-23-1995	Alpha M.O.S.	Abstract	
	F14	WO 95/31718	11-23-1995	Forschungszentrum Karlsruhe GmbH	Abstract	

Examiner
Signature

/Lance Rider/

Date
Considered

02/24/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/588,749
Filing Date	August 7, 2006
First Named Inventor	Richard J. Melker
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	UF-270C3

Sheet 4 of 15

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	U58	US-5,528,924	06-25-1996	Wajid <i>et al.</i>	All
	U59	US-5,547,878	08-20-1996	Kell	All
	U60	US-5,558,083	09-24-1996	Bathe <i>et al.</i>	All
	U61	US-5,560,352	10-01-1996	Heim <i>et al.</i>	All
	U62	US-5,571,401	11-05-1996	Lewis <i>et al.</i>	All
	U63	US-5,573,005	11-12-1996	Ueda <i>et al.</i>	All
	U64	US-5,573,955	11-12-1996	Khanna <i>et al.</i>	All
	U65	US-5,605,612	02-25-1997	Park <i>et al.</i>	All
	U66	US-5,634,517	06-03-1997	Linden <i>et al.</i>	All
	U67	US-5,645,072	07-08-1997	Thrall <i>et al.</i>	All
	U68	US-5,716,852	02-10-1998	Yager <i>et al.</i>	All
	U69	US-5,756,879	05-26-1998	Yamagishi <i>et al.</i>	All
	U70	US-5,771,890	06-30-1998	Tamada	All
	U71	US-5,776,783	07-07-1998	Kell	All
	U72	US-5,783,154	07-21-1998	Althainz <i>et al.</i>	All
	U73	US-5,783,449	07-21-1998	Kuznetsov	All
	U74	US-5,795,787	08-18-1998	Silkoff <i>et al.</i>	All
	U75	US-5,801,297	09-01-1998	Mifsud <i>et al.</i>	All
	U76	US-5,826,577	10-27-1998	Perroz <i>et al.</i>	All

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ - Kind Code ⁵ (if known)				
	F15	WO	98/57145 A1	12-17-1998	Quadrivium, L.L.C.	All	
	F16	WO	99/12471	03-18-1999	Oridion Medical Ltd.	All	
	F17	WO	99/66304	12-23-1999	California Institute of Technology	All	
	F18	WO	00/25108 A1	05-04-2000	Copp Life Systems	All	
	F19	WO	00/67820	11-16-2000	Aneo Ab	All	

Examiner
Signature

/Lance Rider/

Date
Considered

02/24/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/588,749
Filing Date	August 7, 2006
First Named Inventor	Richard J. Melker
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	UF-270C3

Sheet 5 of 15

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	U77	US-5,830,412	11-03-1998	Kimura <i>et al.</i>	All
	U78	US-5,861,254	01-19-1999	Schneider <i>et al.</i>	All
	U79	US-5,866,434	02-02-1999	Massey <i>et al.</i>	All
	U80	US-5,891,398	04-06-1999	Lewis <i>et al.</i>	All
	U81	US-5,900,552	05-04-1999	Chu <i>et al.</i>	All
	U82	US-5,918,257	06-29-1999	Mifsud <i>et al.</i>	All
	U83	US-5,925,014	07-20-1999	Teeple Jr.	All
	U84	US-5,928,167	07-27-1999	Wagner <i>et al.</i>	All
	U85	US-5,932,877	08-03-1999	Braig <i>et al.</i>	All
	U86	US-5,945,069	08-31-1999	Buehler	All
	U87	US-5,950,630	09-14-1999	Portwood <i>et al.</i>	All
	U88	US-5,954,685	09-21-1999	Tierney	All
	U89	US-5,958,896	09-28-1999	Renshaw <i>et al.</i>	All
	U90	US-5,962,335	10-05-1999	Katzman	All
	U91	US-5,971,937	10-26-1999	Ekström	All
	U92	US-5,996,586	12-07-1999	Phillips	All
	U93	US-6,007,775	12-28-1999	Yager	All
	U94	US-6,010,459	01-04-2000	Silkoff <i>et al.</i>	All
	U95	US-6,025,200	02-15-2000	Kaish <i>et. al</i>	All

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ - Kind Code ⁵ (if known)				
	F20	WO	00/79243 A1	12-28-2000	Cyrano Sciences, Inc.	All	
	F21	WO	01/34024	05-17-2001	University of Florida	All	
	F22	WO	01/93743	12-13-2001	Healthetech, Inc.	All	
	F23	WO	02/17991 A2	03-07-2002	Healthetech, Inc.	All	
	F24	WO	02/79514 A1	10-10-2002	The Trustees of Boston College	All	

Examiner
Signature

/Lance Rider/

Date
Considered

02/24/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/588,749
Filing Date	August 7, 2006
First Named Inventor	Richard J. Melker
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	UF-270C3

Sheet 6 of 15

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	U96	US-6,057,162	05-02-2000	Rounbehler <i>et al.</i>	All
	U97	US-6,063,243	05-16-2000	Zettl <i>et al.</i>	All
	U98	US-6,067,167	05-23-2000	Atkinson <i>et al.</i>	All
	U99	US-6,074,345	06-13-2000	Van Oostrom <i>et al.</i>	All
	U100	US-6,085,576	07-11-2000	Sunshine <i>et al.</i>	All
	U101	US-6,094,681	07-25-2000	Shaffer <i>et al.</i>	All
	U102	US-6,097,485	08-01-2000	Lievan	All
	U103	US-6,120,443	09-19-2000	Cohen-Laroque	All
	U104	US-6,131,571	10-17-2000	Lampotang <i>et al.</i>	All
	U105	US-6,136,801	10-24-2000	Kell	All
	U106	US-6,153,147	11-28-2000	Craig	All
	U107	US-6,180,414	01-30-2001	Katzman	All
	U108	US-6,186,977	02-13-2001	Andrews <i>et al.</i>	All
	U109	US-6,190,858	02-20-2001	Persaud <i>et al.</i>	All
	U110	US-6,203,814	03-20-2001	Fisher <i>et al.</i>	All
	U111	US-6,216,690	04-17-2001	Keitel <i>et al.</i>	All
	U112	US-6,221,026	04-24-2001	Phillips	All
	U113	US-6,234,006	05-22-2001	Sunshine <i>et al.</i>	All
	U114	US-6,237,397	05-29-2001	Shinar <i>et al.</i>	All

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	F25	WO	03/16901	A1	02-27-2003	Samsung Electronics Co., Ltd.	All	
	F26	WO	03/45473		06-05-2003	Müfa Ag	Abstract	
	F27	WO	04/37316	A	05-06-2004	University of Florida	All	
	F28	WO	04/65404	A1	08-05-2004	University of Florida Research Foundation, Inc.	All	

Examiner Signature	/Lance Rider/	Date Considered	02/24/2010
--------------------	---------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/588,749
Filing Date	August 7, 2006
First Named Inventor	Richard J. Melker
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	UF-270C3

Sheet 7 of 15

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	U115	US-6,244,096	06-12-2001	Lewis <i>et al.</i>	All
	U116	US-6,248,078	06-19-2001	Risby <i>et al.</i>	All
	U117	US-6,251,082	06-26-2001	Rayburn I	All
	U118	US-6,261,783	07-17-2001	Jayasena <i>et al.</i>	All
	U119	US-6,264,913	07-24-2001	Wagner	All
	U120	US-6,277,081	08-21-2001	Susi <i>et al.</i>	All
	U121	US-6,283,953	09-04-2001	Ayer <i>et al.</i>	All
	U122	US-6,287,765	09-11-2001	Cubiciotti	All
	U123	US-6,303,316	10-16-2001	Kiel <i>et al.</i>	All
	U124	US-6,305,212	10-23-2001	Drzewiecki	All
	U125	US-6,312,390	11-06-2001	Phillips	All
	U126	US-6,319,724	11-20-2001	Lewis <i>et al.</i>	All
	U127	US-6,328,708	12-11-2001	Georgieff	All
	U128	US-6,341,520	01-29-2002	Satoh <i>et al.</i>	All
	U129	US-6,363,772	04-02-2002	Berry	All
	U130	US-6,387,329	05-14-2002	Lewis <i>et al.</i>	All
	U131	US-6,399,302	06-04-2002	Lannigan <i>et al.</i>	All
	U132	US-6,416,479	07-09-2002	Seidman	All
	U133	US-6,416,740	07-09-2002	Unger	All

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	F29	WO 05/33707 A	04-14-2005	University of Florida Research Foundation, Inc.	All	
	F30					
	F31					
	F32					

Examiner
Signature

/Lance Rider/

Date
Considered

02/24/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/588,749
Filing Date	August 7, 2006
First Named Inventor	Richard J. Melker
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	UF-270C3

Sheet 8 of 15

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	U134	US-6,455,319	09-24-2002	Lewis <i>et al.</i>	All
	U135	US-6,467,333	10-22-2002	Lewis <i>et al.</i>	All
	U136	US-6,479,019	11-12-2002	Goldstein <i>et al.</i>	All
	U137	US-6,495,824	12-17-2002	Atkinson	All
	U138	US-6,511,453	01-28-2003	Georgieff	All
	U139	US-6,558,626	05-06-2003	Aker <i>et al.</i>	All
	U140	US-6,589,727	07-08-2003	Klenerman <i>et al.</i>	All
	U141	US-6,597,438	07-22-2003	Cabuz <i>et al.</i>	All
	U142	US-6,598,459	07-29-2003	Fu	All
	U143	US-6,599,253	07-29-2003	Baum <i>et al.</i>	All
	U144	US-6,599,281	07-29-2003	Struys <i>et al.</i>	All
	U145	US-6,620,800	09-16-2003	Roberts II	All
	U146	US-6,631,333	10-07-2003	Lewis <i>et al.</i>	All
	U147	US-6,680,377	01-20-2004	Stanton <i>et al.</i>	All
	U148	US-6,727,075	04-27-2004	Fitzgerald <i>et al.</i>	All
	U149	US-6,755,783	06-29-2004	Cosentino <i>et al.</i>	All
	U150	US-2001/0021815	09-13-2001	Katzman <i>et al.</i>	All
	U151	US-2001/0041366	11-15-2001	Lewis <i>et al.</i>	All
	U152	US-2001/0046674	11-29-2001	Ellington	All
	U153	US-2001/0050228	12-13-2001	Jaeger	All
	U154	US-2001/0055544	12-27-2001	Copp	All

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	F33					
	F34					
	F35					

Examiner
Signature

/Lance Rider/

Date
Considered

02/24/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/588,749
Filing Date	August 7, 2006
First Named Inventor	Richard J. Melker
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	UF-270C3

Sheet	9	of	15
-------	---	----	----

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	U155	US-2002/0007249	01-17-2002	Cranley <i>et al.</i>	All
	U156	US-2002/0007687	01-24-2002	Zimmermann <i>et al.</i>	All
	U157	US-2002/0014236	02-07-2002	Dittmann <i>et al.</i>	All
	U158	US-2002/0017300	02-14-2002	Hickle <i>et al.</i>	All
	U159	US-2002/0026937	03-07-2002	Mault	All
	U160	US-2002/0034757	03-21-2002	Cubiciotti	All
	U161	US-2002/0068295	06-06-2002	Madou <i>et al.</i>	All
	U162	US-2002/0173729	11-21-2002	Viertio-Oja <i>et al.</i>	All
	U163	US-2002/0177232	11-28-2002	Melker <i>et al.</i>	All
	U164	US-2003/0004426	01-02-2003	Melker <i>et al.</i>	All
	U165	US-2003/0008407	01-09-2003	Fu <i>et al.</i>	All
	U166	US-2003/0059820	03-27-2003	Vo-Dinh	All
	U167	US-2003/0087239	05-08-2003	Stanton <i>et al.</i>	All
	U168	US-2003/0119065	06-26-2003	Lin <i>et al.</i>	All
	U169	US-2003/0139681	07-24-2003	Melker <i>et al.</i>	All
	U170	US-2003/0185760	10-02-2003	Lanza <i>et al.</i>	All
	U171	US-2003/0216660	11-20-2003	Ben-Oren <i>et al.</i>	All
	U172	US-2004/0027246	02-12-2004	Aguglia	All
	U173	US-2004/0038386	02-26-2004	Zesch <i>et al.</i>	All
	U174	US-2004/0101477	05-27-2004	Leyland-Jones	All
	U175	US-2004/0236244	11-25-2004	Allen <i>et al.</i>	All
	U176	US-2005/0037374	02-17-2005	Melker <i>et al.</i>	All
	U177	US-2005/0065446	03-24-2005	Talton	All
	U178	US-RE38,728	04-19-2005	Katzman <i>et al.</i>	All
	U179	US-09/708,789 (Application No.)	11-08-2000 (Date Filed)	Lampotang <i>et al.</i>	All

Examiner
Signature

/Lance Rider/

Date
Considered

02/24/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /L.R./

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/588,749
Filing Date	August 7, 2006
First Named Inventor	Richard J. Melker
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	UF-270C3

Sheet 10 of 15

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R1	ARVANITAKIS, C. <i>et al.</i> , "Lactase Deficiency- a Comparative Study of Diagnostic Methods," <i>The American Journal of Clinical Nutrition</i> , October 1977, pages 1597-1620, Vol. 30.	
	R2	BALLANTINE, D.S. <i>et al.</i> , "Surface Acoustic Wave Devices for Chemical Analysis," <i>Anal. Chem.</i> , 1989, pages 704A-712A, Vol. 61, No. 11.	
	R3	BARKLEY, J. <i>et al.</i> , "Gas Chromatography Mass Spectrometry Computer Analysis of Volatile Halogenated Hydrocarbons in Man and His Environment- A Multimedia Environmental Study," <i>Biochemical Mass Spectrometry</i> , 1980, pages 139-147, Vol. 7, No. 4.	
	R4	BRODY <i>et al.</i> , "Aptamers as therapeutic and diagnostic agents", <i>Reviews in Molecular Biotechnology</i> , 2000, Vol. 74, pp. 5-13.	
	R5	BRODY <i>et al.</i> , "The use of Aptamers in Large Arrays for Molecular Diagnostics", <i>Molecular Diagnosis</i> , 1999, Vol. 4, No. 4, pp. 381-388.	
	R6	CAI, H. <i>et al.</i> , "Carbon Nanotube-Enhanced Electrochemical DNA Biosensor for DNA Hybridization Detection", <i>Anal. Bioanal. Chem.</i> , 2003, Vol. 375, pp. 287-293.	
	R7	CASPARY, W.F., "Breath Tests," <i>Clinics in Gastroenterology</i> , May 1978, pages 351-374, Vol. 7, No. 2.	
	R8	CHANDIOK <i>et al.</i> , "Screening for bacterial vaginosis: a novel application of artificial nose technology", <i>Journal of Clinical Pathology</i> , 1997, Vol. 50, No. 9, pp. 790-791.	
	R9	CONKLE, J.P. <i>et al.</i> , "Trace Composition of Human Respiratory Gas," <i>Arch. Environ. Health</i> , June 1975, pages 290-295, Vol. 30.	
	R10	DICKINSON, T. A. <i>et al.</i> , "Current Trends in 'Artificial-Nose' Technology," <i>Tib Tech</i> , June 1998, Vol. 16, pp. 250-258.	
	R11	FANG <i>et al.</i> , "Detection of Organic Chemicals by SAW Sensor Array", <i>Sensors and Actuators</i> , 1999, Vol. B56, pp. 155-157.	

Examiner Signature	/Lance Rider/	Date Considered	02/24/2010
--------------------	---------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/588,749
Filing Date	August 7, 2006
First Named Inventor	Richard J. Melker
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	UF-270C3

Sheet 11 of 15

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R12	FISHER <i>et al.</i> "A man-portable chemical sniffer utilizing Novel Fluorescent polymers for detection of ultra-trace concentrations of explosives emanating from landmines," <i>Nomadics Inc.</i> , 2000, pp. 1-10.	
	R13	FRAUENDORF <i>et al.</i> , "Detection of Small Organic Analytes by Fluorescing Molecular Switches", <i>Bioorganic & Medicinal Chemistry</i> , 2001, pp. 2521-2524, Vol. 9.	
	R14	FUJITA <i>et al.</i> , "A Simple method for detecting plasma propofol", <i>Anesth. Analg.</i> , 2000, Vol. 90, pp. 1452-1454.	
	R15	GAGE, J.C. <i>et al.</i> , "A Method for the Determination of Low Concentrations of Organic Vapours in Air and Exhaled Breath," <i>Ann. Occup. Hyg.</i> , 1977, pages 127-134, Vol. 20.	
	R16	GANGA-ZANDZOU, P.S. <i>et al.</i> "A ¹³ C-urea breath test in children with <i>Helicobacter pylori</i> infection: validity of the use of a mask to collect exhaled breath sample," <i>Acta. Paediatr.</i> , 2001, Vol. 90, pp. 232-233.	
	R17	GRATE <i>et al.</i> , "Determination of Partition Coefficients from Surface Acoustic Wave Vapor Sensor Responses and Correlation with Gas- Liquid Chromatographic Partition Coefficients," <i>Anal. Chem.</i> , 1988, pages 869-878, Vol. 60.	
	R18	GROVES <i>et al.</i> , "Analyzing organic vapors in exhaled breath using a surface acoustic wave sensor array with preconcentration: Selection and characterization of the preconcentrator adsorbent", <i>Analytica Chimica Acta</i> , 1998, pp. 131-143, Vol. 371.	
	R19	HAMMON III, W. S. <i>et al.</i> , "Forensic GPR: Finite-Difference Simulations of Responses From Buried Human Remains," <i>Journal of Applied Geophysics</i> , 2000, Vol. 45, pp. 171-186.	
	R20	HANSON <i>et al.</i> , "The use of a novel 'electronic nose' to diagnose the presence of intrapulmonary infection," <i>Anesthesiology</i> , Sep. 1997, Vol. 87, No. 3A, Abstract A269	
	R21	HUANG <i>et al.</i> , "Depth of anesthesia estimating & propofol delivery system", Aug. 1, 1996, http://www.rpi.edu/~royr/roy_descpyt.html .	

Examiner
Signature

/Lance Rider/

Date
Considered

02/24/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /L.R./

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/588,749
Filing Date	August 7, 2006
First Named Inventor	Richard J. Melker
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	UF-270C3

Sheet 12 of 15

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R22	JAYASENA, "Aptamers: An Emerging Class of Molecules That Rival Antibodies in Diagnostics" <i>Clinical Chemistry</i> , 1999, Vol. 45, No. 9, pp. 1628-1650.	
	R23	KENNY, "Target-controlled infusions-pharmacokinetic and pharmacodynamic variations," http://www.anaesthesiologie.med.uni-erlangen.de/esctaic97/a_kenny.htm .	
	R24	KRAMAN, P., "Prescription Drug Diversion," <i>Trends Alert</i> provided by the Council of State Government at www.csg.org , April 2004.	
	R25	KROTOSZYNSKI, B.K. <i>et al.</i> , "Characterization of Human Expired Air: A Promising Investigative and Diagnostic Technique," <i>J. Chromat. Sci.</i> , July 1977, pages 239-244, Vol. 15.	
	R26	KUIPERS <i>et al.</i> , "First-pass lung uptake and pulmonary clearance of propofol," <i>Anesthesiology</i> , 1999, Vol. 91, pp. 1780-1787.	
	R27	LIEBICH <i>et al.</i> , "Volatile Substances in Blood Serum: a Profile Analysis and Quantitative Determination," <i>Journal of Chromatography</i> , 1977, Vol. 142, pp. 505-516.	
	R28	LUKENS, "Detection of drug usage via breath analysis within immunoassay film badge," <i>Proceedings of SPIE-The International Society for Optical Engineering</i> , 1997, pages 79-83, Vol. 2932.	
	R29	MANOLIS <i>et al.</i> , "The detection of Δ^9 -tetrahydrocannabinol in the breath of human subjects," <i>Clinical Biochemistry</i> , 1983, pages 229-233, Vol. 16, No. 4.	
	R30	MAUGH, T.H., "Separations by MS Speed Up, Simplify Analysis," <i>Science, New Series</i> , August 8, 1980, pages 675-677, Vol. 209, No. 4457.	
	R31	MCLAFFERTY, F., "Tandem Mass Spectrometry," <i>Science, New Series</i> , October 16, 1981, pages 280-287, Vol. 214, No. 4518.	

Examiner
Signature

/Lance Rider/

Date
Considered

02/24/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /L.R./

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/588,749
Filing Date	August 7, 2006
First Named Inventor	Richard J. Melker
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	UF-270C3

Sheet 13 of 15

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R32	MILLER III, E. R. <i>et al.</i> , "Association Between Cigarette Smoking and Lipid Peroxidation in a Controlled Feeding Study," <i>Circulation</i> , August 1997, Vol. 96, No. 4, pp. 1097-1101.	
	R33	MUELLER <i>et al.</i> "Experience in mass spectrometric identification in acute poisoning," <i>Beitr. Diagn. Ther, Akuter. Intox., Vortr. Symp. 4th</i> , 1982, pp. 126-134, ABSTRACT ONLY.	
	R34	O'NEILL, <i>et al.</i> , "A Computerized Classification Technique for Screening for the Presence of Breath Biomarkers on Lung Cancer," <i>Clinical Chemistry</i> , 1988, pages 1613-1618, Vol. 34, No. 8.	
	R35	PANTAROTTO D. <i>et al.</i> , "Synthesis, Structural Characterization, and Immunological Properties of Carbon Nanotubes Functionalized with Peptides", <i>J. Am. Chem. Soc.</i> , 2003, Vol. 125, pp. 6160-6164.	
	R36	PARRY <i>et al.</i> , "Leg ulcer odour detection identified β -haemolytic streptococcal infection," <i>Journal of Wound Care</i> , October 1995, Vol. 4, No. 9, pp. 404-406.	
	R37	PAVLOU <i>et al.</i> , "Sniffing out the truth: Clinical Diagnosis Using the Electronic Nose," <i>Clin. Chem. Lab. Med.</i> , 2000, Vol. 38, No. 2, pp. 99-112.	
	R38	PERRI, F. "Diagnosis of <i>Helicobacter pylori</i> infection: which is best? The urea breath test," <i>Dig. Liver. Dis.</i> , 2000, Vol. 32, Supp. 3, pp. S196-198.	
	R39	PHILLIPS, "Breath Tests in Medicine" <i>Scientific American</i> , July 1992, pp. 74-79.	
	R40	ROGERS <i>et al.</i> "Fiber-optic biosensors based on total internal-reflection fluorescence," <i>American Chemical Society</i> , 1992, Ch. 13, pp. 165-173.	

Examiner Signature

/Lance Rider/

Date Considered

02/24/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /L.R./

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/588,749
Filing Date	August 7, 2006
First Named Inventor	Richard J. Melker
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	UF-270C3

Sheet 14 of 15

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R41	SCHWABE, A.D. <i>et al.</i> , "Breath Tests for the Detection of Fat Malabsorption," <i>Gastroenterology</i> , 1979, pages 216-218, Vol. 76, No. 1.	
	R42	STOJANOVIC <i>et al.</i> , "Aptamer-Based Folding Fluorescent Sensor for Cocaine" <i>Journal of the American Chemistry Society</i> , 2001, Vol. 123, No. 21, pp. 4928-4931.	
	R43	STUART, B. H. <i>et al.</i> , "Studies of Adipocere Using Diffuse Reflectance Infrared Spectroscopy," <i>Vibrational Spectroscopy</i> , 2000, Vol. 24, pp. 233-242.	
	R44	STUBBS, D. D. <i>et al.</i> , "Investigation of Cocaine Plumes Using Surface Acoustic Wave Immunoassay Sensors," <i>Anal. Chem.</i> , November 2003, Vol. 75, No. 22, pp. 6231-6235.	
	R45	TRACQUI, A. <i>et al.</i> "Systematic Toxicological Analysis Using HPLC/DAD," <i>Journal of Forensic Sciences</i> , 1995, Vol. 40, No. 2, pp. 254-262.	
	R46	UNITED STATES DEPARTMENT OF JUSTICE, "Review of the Drug Enforcement Administration's (DEA) Control of the Diversion of Controlled Pharmaceuticals," Report Number I-2002-010 www.usdoj.gov/oig/inspection/DEA/0210/background.htm , September 2002.	
	R47	U.S. FOOD AND DRUG ADMINISTRATION, "FDA White Paper, Protecting the Public Health: FDA Pursues and Aggressive Enforcement Strategy," www.fda.gov/oc/whitepapers/enforce.html , June 30, 2003.	
	R48	U.S. FOOD AND DRUG ADMINISTRATION, "New FDA Initiative to Combat Counterfeit Drugs," www.fda.gov/oc/initiatives/counterfeit/backgrounder.html , July 2, 2004.	
	R49	VASS, A., "Beyond the Grave – Understanding Human Decomposition," <i>Microbiology Today</i> , November 2001, Vol. 28, pp. 190-192.	
	R50	VASS, A. <i>et al.</i> , "Decomposition Chemistry of Human Remains: A New Methodology for Determining the Postmortem Interval," <i>J. Forensic Sci.</i> , 2002, Vol. 47, No. 3, pp. 542-553.	

Examiner
Signature

/Lance Rider/

Date
Considered

02/24/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /L.R./

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
Application Number		10/588,749			
Filing Date		August 7, 2006			
First Named Inventor		Richard J. Melker			
Art Unit		Not yet assigned			
Examiner Name		Not yet assigned			
Attorney Docket Number		UF-270C3			

Sheet	15	of	15
-------	----	----	----

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R51	VASS, A. <i>et al.</i> , "Detection of Buried Human Remains Using Bioreporter Fluorescence," U.S. Dept. of Energy Report, Y/NSP-726, October 2001.	
	R52	WOHLTJEN <i>et al.</i> , "Vapor Detection with Surface Acoustic Wave Microsensors", <i>American Chemical Society</i> , 1989, pp. 157-175.	
	R53	YOST, R.A. <i>et al.</i> , "Triple Quadrupole Mass Spectrometry for Direct Mixture and Analysis and Structure Elucidation," <i>Analytical Chemistry</i> , October 1979, pages 1251-1264, Vol. 51, No. 12.	
	R54		
	R55		
	R56		
	R57		
	R58		
	R59		
	R60		

Examiner Signature	/Lance Rider/	Date Considered	02/24/2010
--------------------	---------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /L.R./